

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Jason Gordon Beith

Application No.: 10/524,610

Filed: May 15, 2006

Title: Valve

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450



International Application No.  
PCT/GB04/001244

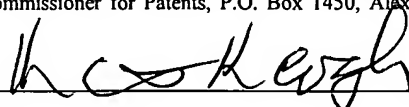
International Filing Date:  
22 March 2004

Group Art Unit: 3738

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Sir:

Pursuant to 37 C.F.R. § 1.56 and in accordance with 37 C.F.R. §§ 1.97-1.98, the Applicant attaches hereto a completed PTO Form 1449 (modified) and, if required, copies of the information cited therein.

<b>CERTIFICATE OF MAILING</b> <b>UNDER 37 C.F.R. 1.8(a)</b>	
I hereby certify that this paper, along with any paper referred to as being attached or enclosed, is being deposited with the United States Postal Service on the date indicated below, with sufficient postage, as first class mail, in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.	
BY	
DATE:	January 31, 2007



**IDENTIFICATION OF TIME OF FILING THIS  
INFORMATION DISCLOSURE STATEMENT**

This Information Disclosure Statement is being filed within three months of the filing date or before the mailing date of a first Office Action on the merits. Accordingly, no certification, petition, or fee is required. However, if a fee is due, please charge, or credit any overcharge to, Deposit Account No. 50-0573.

**IDENTIFICATION OF REFERENCES AND  
CONCISE EXPLANATION OF RELEVANCE  
OF REFERENCES NOT IN THE ENGLISH LANGUAGE**

U.S. Documents

4,222,126	4,265,694	4,364,127	4,731,074
4,888,009	5,358,518	5,376,113	5,393,858
5,403,912	5,500,016	5,562,729	5,653,749
5,800,527	6,086,612	6,165,215	6,171,335
6,283,995	2003/0125804 A1		

Foreign Documents

EP 0 193 987  
 EP 0 402 036  
 WO 93/18721  
 WO 97/41808  
 WO 98/32400  
 WO 00/62716  
 WO 01/41679

Other Documents

Bernacca, *et al.*, G.M.: "Durability and Function of a Polyurethane Heart Valve After Six Months In Vivo." *Artificial Organs, Official Journal of the International Society for Artificial Organs*. 1999, Vol. 23, No. 7.

Bernacca, *et al.*, G.M.: "In Vitro Function and Durability Assessment of a Novel Polyurethane Heart Valve Prosthesis." *Artificial Organs, Official Journal of the International Society for Artificial Organs*. September 1996, Vol. 20, No. 9.

Bernacca, *et al.*, G.M.: "In Vitro Function and Durability of a Polyurethane Heart Valve: Material Considerations." *The Journal of Heart Valve Disease*. September 1996, Vol. 5, No. 5.

Bernacca, *et al.*, G.M.: "Polyurethane heart valve durability: effects of leaflet thickness and material." *The International Journal of Artificial Organs*. June 1997, Vol. 20, No. 6.

Bernacca, *et al.*, G.M.: "Polyurethane heart valves: Fatigue failure, calcification, and polyurethane structure." *Journal of Biomedical materials Research*. March 5, 1997, Vol. 34, No. 3.

Mackay, *et al.*, T.G.: "New polyurethane heart valve prosthesis: design, manufacture and evaluation." *Biomaterials, incorporating Clinical Materials*. 1996, Vol. 17, No. 19.

Wheatley, *et al.*, D.J.: "Polyurethane: material for the next generation of heart valve prostheses?" *European Journal of Cardio-Thoracic Surgery*. April 2000, Vol. 17, No. 4.

It is requested that the Examiner review the above-identified references and make them of record in the instant application as required by M.P.E.P. § 609. It is also requested that the Examiner initial the enclosed duplicate substitute form 1449 and return one copy to the Applicant's undersigned representative.

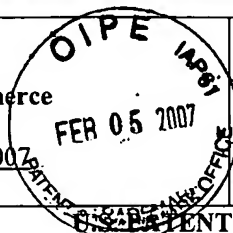
The references listed in this Information Disclosure Statement comprise the most pertinent prior art known to Applicants and their attorneys as of the date hereof. This Information Disclosure Statement should not be construed as a representation that the cited reference is material or that no better art exists.

Respectfully submitted,

  
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DOCKET NO. 207195 (8830-318)

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APPLICANT: Jason Gordon BEITH

FILING DATE: May 15, 2006

GROUP 3738

## PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date if appropriate
	4,222,126	September 16, 1980	Boretos, <i>et al.</i>	3	1.5	December 14, 1978
	4,265,694	May 5, 1981	Boretos, <i>et al.</i>	156	242	January 22, 1980
	4,364,127	December 21, 1982	Pierce, <i>et al.</i>	3	1.5	October 2, 1981
	4,731,074	March 15, 1988	Rousseau, <i>et al.</i>	623	2	February 24, 1986
	4,888,009	December 19, 1989	Lederman, <i>et al.</i>	623	2	October 31, 1986
	5,358,518	October 25, 1994	Camilli	623	2	January 25, 1993
	5,376,113	December 27, 1994	Jansen, <i>et al.</i>	623	2	December 21, 1993
	5,393,858	February 28, 1995	Miejs, <i>et al.</i>	528	61	June 26, 1991
	5,403,912	April 4, 1995	Gunatillake, <i>et al.</i>	528	425	November 26, 1991
	5,500,016	March 19, 1996	Fisher	623	2	March 19, 1993
	5,562,729	October 8, 1996	Purdy, <i>et al.</i>	623	2	November 1, 1994
	5,653,749	August 5, 1997	Love, <i>et al.</i>	623	2	June 2, 1994
	5,800,527	September 1, 1998	Jansen, <i>et al.</i>	623	2	July 9, 1993
	6,086,612	July 11, 2000	Jansen	623	2.17	June 18, 1997
	6,165,215	December 26, 2000	Rottenberg, <i>et al.</i>	623	2.12	July 8, 1996
	6,171,335	January 9, 2001	Wheatley, <i>et al.</i>	623	2.17	January 22, 1998
	6,283,995	September 4, 2001	Moe, <i>et al.</i>	623	2.19	April 15, 1999
	2003/0125804 A1	July 3, 2003	Kruse, <i>et al.</i>	623	2.1	December 28, 2001

## FOREIGN PATENT DOCUMENTS

	Document Number	Date	Country	Class	Subclass	Translation Yes/No/Abstract
	EP 0 193 987	February 2, 1986	EP	A61F 2	24	Yes
	EP 0 402 036	May 31, 1990	EP	A61F 2	24	Yes
	WO 93/18721	September 30, 1993	WIPO	A61F 2	24	Yes
	WO 97/41808	November 13, 1997	WIPO	A61F 2	24	Yes
	WO 98/32400	July 30, 1998	WIPO	A61F 2	24	Yes
	WO 00/62716	October 26, 2000	WIPO	A61F 2	24	Yes
	WO 01/41679 A1	June 14, 2001	WIPO	A61F 2	24	Yes

OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, etc.)	
	Bernacca, <i>et al.</i> , G.M.: "Durability and Function of a Polyurethane Heart Valve After Six Months In Vivo." <i>Artificial Organs, Official Journal of the International Society for Artificial Organs</i> . 1999, Vol. 23, No. 7.
	Bernacca, <i>et al.</i> , G.M.: "In Vitro Function and Durability Assessment of a Novel Polyurethane Heart Valve Prosthesis." <i>Artificial Organs, Official Journal of the International Society for Artificial Organs</i> . September 1996, Vol. 20, No. 9.
	Bernacca, <i>et al.</i> , G.M.: "In Vitro Function and Durability of a Polyurethane Heart Valve: Material Considerations." <i>The Journal of Heart Valve Disease</i> . September 1996, Vol. 5, No. 5.
	Bernacca, <i>et al.</i> , G.M.: "Polyurethane heart valve durability: effects of leaflet thickness and material." <i>The International Journal of Artificial Organs</i> . June 1997, Vol. 20, No. 6.
	Bernacca, <i>et al.</i> , G.M.: "Polyurethane heart valves: Fatigue failure, calcification, and polyurethane structure." <i>Journal of Biomedical materials Research</i> . March 5, 1997, Vol. 34, No. 3.
	Mackay, <i>et al.</i> , T.G.: "New polyurethane heart valve prosthesis: design, manufacture and evaluation." <i>Biomaterials, incorporating Clinical Materials</i> . 1996, Vol. 17, No. 19.
	Wheatley, <i>et al.</i> , D.J.: "Polyurethane: material for the next generation of heart valve prostheses?" <i>European Journal of Cardio-Thoracic Surgery</i> . April 2000, Vol. 17, No. 4.
<div> <div>Examiner Signature:</div> <div>Date Considered:</div> </div>	

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).  
PTO-1449.doc